

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION N	0.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/763,978	•	01/22/2004	Cecile Aulnette	4717-7300	7888	
28765	7590	04/08/2005		EXAM	EXAMINER	
		AWN LLP	WILLE, DOUGLAS A			
	FREET, N. GTON, D			ART UNIT	PAPER NUMBER	
	, -			2814		
				DATE MAILED: 04/08/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

			H·A				
	Application No.	Applicant(s)					
	10/763,978	AULNETTE ET AL.					
Office Action Summary	Examiner	Art Unit					
	Douglas A. Wille	2814					
The MAILING DATE of this communication ap Period for Reply	opears on the cover sheet w	th the correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPI THE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a re - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the maili earned patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a polythin the statutory minimum of third will apply and will expire SIX (6) MON te, cause the application to become Al	eply be timely filed y (30) days will be considered timely. THS from the mailing date of this communication (35 U.S.C. § 133).	n.				
Status							
1) Responsive to communication(s) filed on 22.	January 2004.						
2a) ☐ This action is FINAL . 2b) ☐ Th	is action is non-final.						
,	,						
closed in accordance with the practice under	Ex parte Quayle, 1935 C.D.). 11, 453 O.G. 213.					
Disposition of Claims							
4) Claim(s) 1-37 is/are pending in the applicatio	n.						
4a) Of the above claim(s) is/are withdra	awn from consideration.						
5) Claim(s) is/are allowed.							
6) Claim(s) is/are rejected.							
7) Claim(s) is/are objected to.							
8) Claim(s) <u>1-37</u> are subject to restriction and/or	r election requirement.						
Application Papers							
9) The specification is objected to by the Examir	ner.						
10)☐ The drawing(s) filed on is/are: a)☐ ac	The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to th	e drawing(s) be held in abeya	nce. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the corre			(d).				
11)☐ The oath or declaration is objected to by the E	Examiner. Note the attache	d Office Action or form PTO-152.					
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreig a) All b) Some * c) None of: 1. Certified copies of the priority docume		§ 119(a)-(d) or (f).					
2. Certified copies of the priority document	nts have been received in A	application No					
3. Copies of the certified copies of the pri application from the International Bure	·	received in this National Stage					
* See the attached detailed Office action for a lis	,	received.					
Attachment(s)							
1) Notice of References Cited (PTO-892)	4) Interview	Summary (PTO-413)					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)		s)/Mail Date nformal Patent Application (PTO-152)					
 Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 Paper No(s)/Mail Date 	8) 5) Notice of 1						

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1 12, drawn to a device, classified in class 257, subclass 194.
 - II. Claims 13 18, drawn to a method, classified in class 438, subclass 758.
 - III. Claims 19 33, drawn to a method, classified in class 438, subclass 758.
 - IV. Claims 34 37, drawn to a method, classified in class 438, subclass 758.

The inventions are distinct, each from the other because of the following reasons:

- 2. Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the device could be formed with the buffer layer not in contact with the first material.
- 3. Inventions I and III are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the device could be made without a weakened zone.
- 4. Inventions I and IV are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the

Art Unit: 2814

device could be formed with the thickness of the relaxed layer not less than the thickness of the buffer layer.

5. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Groups II, III and IV, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas A. Wille whose telephone number is (571) 272-1721. The examiner can normally be reached on M-F (6:15-2:45).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on (571) 272-1705. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/763,978

Art Unit: 2814

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Douglas A. Wille

Page 4

Primary Examiner